



SE FOUNDATIONS

Upcoming Dates

16.03.2020 - 18.03.2020, Zurich

Course Descriptions

The Systems Engineering foundations course provides a solid background of the core Systems Engineering discipline. Including learning and practicing the application of Systems Engineering methodologies, enhancing know-how with an interactive workshop and covering detailed use cases.

The course attendance is strictly limited to a ratio of no greater than 6:1 Participants: Presenters, thus enhancing the effectiveness of the training. Given that Systems Engineering needs to be tailored to each Participant's unique needs, increasing the Presenter's availability per Participant, is a key quality measure of this training course.

In addition, an evening meal with the course presenters is included in the course fees.

Learning Outcomes

- To know the origins of Systems Engineering and application of the role.
- To speak competently about the discipline of Systems Engineering.

- To know how to apply Systems Engineering methodologies to complex project developments.
- To know how to optimize Systems Engineering on your project.
- To assess the scope of applying for Systems Engineering professional accreditation, ASEP or CSEP.

Who Should Attend?

This workshop is intended for:

- Requirements Engineers
- Systems Engineers
- Project Managers
- Verification Engineers
- Architects, Development Engineers
- Product Owners.

Course Rates

Early Bird Rate: 2,673 CHF. Regular Rate: 2,970 CHF

Duration

3 days

Delivered By



Seb Klaves

Sebastian has authored and reviewed numerous publications and likes to implement systems engineering principles.

After working at the Institute of Transport Science of RWTH Aachen

as research associate, he worked at the German Aerospace Centre as Project Officer and as Project Systems Engineer at Bombardier.

Currently, Sebastian is heading the RAMS department at Siemens' Mobility division. He is actively involved in the committee of the Swiss Society of Systems Engineering, is a certified Systems engineering professional and is giving systems engineering training at Siemens.

Sebastian enjoys approaching organisational and technical challenges with a 'rock solid' systems thinking approach.



Mike Johnson

Mike has worked leading challenging product development roles predominantly in the Space and Defence Industries since completing his Masters degree in Photonics and Optoelectronic devices at the University of St Andrews, UK.

He has worked predominantly in the roles of Systems Engineer, leading technical developments involving inter-disciplinary teams often consisting of Mechanical, Electrical, Technology, Software and Optical Engineers. He worked at RUAG Space, Zürich for five years. During this period he moved into management, leading the Systems Engineering group in the product unit Optoelectronics and Instruments. In addition he gave Systems Engineering training courses to the employees across the whole company, training circa 100 Engineers from a beginners to an advanced level.

Having moved to Roche Diagnostics International to lead the Systems Engineering team in Rotkreuz, Switzerland, he is now passionately applying his experience and knowledge of Systems Engineering to the Healthcare industry.

He is passionate about product development and especially the application of Systems Engineering. He is one of the founders of the Swiss Society of Systems Engineering (SSSE) and regularly attends Swiss based IET and INCOSE lectures/seminars. He is the organiser of SWISSED, Switzerland's annual conference on Systems Engineering. In addition, he is the co-founder of SE-Training GmbH, specialising in high quality delivery of Systems Engineering training courses in Switzerland.

Chartered Engineer (IET 97325920) and Chartered Systems Engineering Professional (CSEP).